

**SERBIAN ASSOCIATION FOR ARTERIOSCLEROSIS,
THROMBOSIS AND VASCULAR BIOLOGY RESEARCH
& THE SERBIAN PHYSIOLOGICAL SOCIETY**

are pleased to announce

**A SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION
WITH 12 HOURS OF EUROPEAN EXTERNAL CME CREDITS (ECMEC) BY EUROPEAN
ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION (EACCME)**

ON

**NUTRITION, TREATMENT AND
CARDIOVASCULAR RISK MANAGEMENT**

UNDER THE AUSPICES OF

**THE INTERNATIONAL ACADEMY OF CARDIOVASCULAR SCIENCES (IACS)
AND THE INTERNATIONAL ATHEROSCLEROSIS SOCIETY (IAS)**



**MAY 24-27, 2007
HOTEL PARK, NOVI SAD, SERBIA**

ANNOUNCEMENT & CALL FOR ABSTRACTS AND PAPERS

www.physiology.org.yu/eng/htm/konf2007/announcement.pdf

FOREWORD

For the last few years, the *Serbian Physiological Society*, with the special involvement of its *Section for Arteriosclerosis, Thrombosis and Vascular Biology Research* has developed a series of internationally recognized conferences. The First Congress of Physiological Sciences with international participation (November 9-12, 2005), as well as the Satellite Symposium of the XIV International Symposium on Atherosclerosis (June 15-16, 2006) held at the Military Medical Academy in Belgrade are two excellent recent examples of such activities. These meetings attracted a worldwide scientific audience and was supported by the *International Academy of Cardiovascular Sciences* (IACS), the *International Atherosclerosis Society* (IAS), the *Federation of European Physiological Societies* (FEPS), the *International Union of Physiological Sciences* (IUPS), and the *International Society for Pathophysiology* (ISP).

One of the first thematic conferences that we organized was held in the territory of Vojvodina (Zrenjanin, November 7-9, 2003). Because of its importance to our country, it was decided that a similar event should be organized four years later in beautiful Novi Sad. A primary objective of the meeting is to improve the health and medical education of our citizens so we have intentionally connected biomedical science and practice in the scientific program for this conference. The focus of the meeting is **“NUTRITION, TREATMENT AND CARDIOVASCULAR RISK MANAGEMENT”** which presents a unique opportunity to provide the latest information in the fight against the most wide spread disease in the world today - arteriosclerosis and all of its consequences. In our country, mortality caused by arteriosclerosis has reached the astonishing rate of more than 60%. Improper nutrition and obesity play important roles in the pathogenesis of this severe disease and its direct consequences. With these sobering facts in mind, justification for such a meeting is clear. This meeting will provide a unique opportunity to bring together medical researchers and clinical practitioners as well as scientists in other related disciplines like food production and examination. This multidisciplinary focus of the meeting will also fulfill standards in this regard that will soon be required by the European Union in the near future.

The strong support given by our eminent experts in this field locally as well as that shown by our scientific friends from abroad give every indication that this meeting will be an unqualified success!

Welcome to Novi Sad!

Vladimir Jakovljević and Dragan Djurić
CO- CHAIRMEN PROGRAM/ORGANIZING COMMITTEE

TOPICS

1. Nutrigenomics and genetic epidemiology of cardiovascular diseases
2. Coronary heart disease, stroke and nutrition
3. Diabetes and nutrition
4. Hypertension and nutrition
5. Lipids, dyslipidemias and lipid metabolism
6. Obesity, metabolic syndrome, weight reduction and nutrition
7. Menopause, cardiovascular risk and nutrition
8. Aging, cardiovascular risk and nutrition
9. Precursors of atherosclerosis: childhood obesity and nutrition
10. Optimal atherosclerosis management
11. Cardiovascular risk factors and epidemiology of cardiovascular diseases
12. Biomarkers for risk determination: novel risk factors
13. Biomarkers for risk determination: novel laboratory approaches
14. Endothelial dysfunction and atherosclerosis: mechanisms and therapeutical intervention
15. New treatment paradigms: intensive cholesterol lowering therapy
16. Pharmacology of arterial disease: HDL-targeted therapies
17. Phytosterol-based functional foods: new tools in cardiovascular disease prevention
18. Dietary approaches for atherosclerosis prevention: vegetables, fruits and dietary fibre
19. Edible plants and optimized nutrition
20. Role of micronutrients (vitamins & trace elements) in cardiovascular health and disease
21. Water, electrolyte homeostasis and parenteral nutrition
22. Functional foods, herbal remedies and dietary supplements
23. Drug and nutraceutical discovery process: opportunities for health foods and pharmaceutical industry
24. Food products and technologies for cardiovascular health
25. Guidelines for global cardiovascular risk assessment
26. Global intervention at the population level
27. Basic research and animal models for the discovery of new cardiovascular therapies
28. Physical activity, exercise and cardiovascular health
29. Immunity, nutrition and cardiovascular health
30. Smoking cessation for improving cardiorespiratory health
31. Role of dietary fat in cardiovascular health and disease
32. Reduction of sodium intake in the prevention of hypertension
33. Herbal/food-drug interactions and their clinical relevance
34. Others

CO- CHAIRMEN PROGRAM/ORGANIZING COMMITTEE

Jakovljević V (Kragujevac), Djurić D (Belgrade)

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Berkowitz I, MBA Harvard, Winnipeg, Canada

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Vitošević Z, Priština/Kosovska Mitrovica
Vranić I, Belgrade
Žigon N, Belgrade
Žikić R, Kragujevac
Živković M, Belgrade

*Surnames are given in alphabetical order

CONFIRMED LECTURES

Naranjan S. Dhalla (*Winnipeg, Canada*): Role of Renin-Angiotensin System in Cardiac Dysfunction in Chronic Diabetes

Grant N. Pierce (*Winnipeg, Canada*): The use of flaxseed as a dietary intervention to influence cardiovascular disease

Ivan Berkowitz (*MBA Harvard, Winnipeg, Canada*): Promotion of Heart Health

Harpal S. Buttar (*Ottawa, Canada*): Drug-Herbal/Food Interactions: Mechanisms of Interactions and Their Clinical Implications

Harpal S. Buttar (*Ottawa, Canada*): Healing Power of the Herbal & Ayurvedic Medicines

Dragan Djurić (*Belgrade*): Homocysteine and Folic Acid: From Risk Marker to Cardiovascular Prevention

Vladimir Jakovljević (*Kragujevac*): Oxidative stress, Vitamin C and Cardiovascular Diseases

Mirko Rosić (*Kragujevac*): The transport and biomechanical preferences of cardiovascular system in the presence and absence of L-arginine. L-arginine supplementation?

Tatjana Ivković-Lazar (*Novi Sad*): Specificity of the lipid metabolism in obesity

Aleksandra Jovelić (*Sremska Kamenica/Novi Sad*): Pharmacology of arterial disease: HDL-targeted therapies

Zorica Jovanovski, Nadja Vasiljević (*Belgrade*): Nutritional status in elderly and cardiovascular diseases

Jelena Kašanin, Vladimir Jorga and Sonja Radaković (*Belgrade*): The influence of moderate exercise on water-electrolyte (dis)balance in school children

Sonja Radaković (*MMA, Belgrade*): The influence of dietary factors on expression and function of CYP450: Possible role in pathogenesis and prevention of cardiovascular diseases

Slavica Radjen (*MMA, Belgrade*): Intima/media thickness as a risk factor for cardiovascular diseases

Goran Radjen (*MMA, Belgrade*): Atherosclerosis as a inflammatory disease? Key role of HDL

Branka Djurović (*MMA, Belgrade*): Environmental radioactive contamination as a risk factors for cardiovascular disease

Jelena Marić (*IMR, Belgrade*): Insulin resistency in neurodegenerative disorders

Pavle Pantelinac (*Novi Sad*): Nutrition and its importance in diabetes treatment

Budimka Novaković (*Novi Sad*): Obesity, metabolic syndrome, weight reduction and nutrition

Tomislav Stojanović (*Kragujevac*): Lipid profile in subclinical hypothyreosis

VK Vijayan (*New Delhi, India*): Health benefits of smoking cessation with special refernce to cardiorespiratory health

Maja Šoštarić (*Ljubljana, Slovenia*): Cardiac preconditioning and inhalational anesthetics

Katica Pavlović (*Sremska Kamenica/Novi Sad*): Hypertension and nutrition

Dragan Škorić, Siniša Jocić, Zvonimir Sakač, Nada Lečić, Etelka Dimić (*Novi Sad*): Genetic possibilities for altering sunflower oil quality: a new perspectives in human nutrition

Ljilja Torović (*Novi Sad*): Functional foods, herbal remedies and dietary supplements

Ljiljana Lepšanović, Anamarija Mandić and Lazar Lepšanović (*Novi Sad*): The possibilities and importance of calculated atherogenic index of food products

George Chaldakov, Anton Tonchev, Marco Fiore, Gorana Rancic, Dimiter Dimitrov, Roiyha Pancheva, Luigi Aloe (*Varna, Bulgaria*): Metabotropic factors and cardiometabolic disease

Zoran Miloradović, Nevena Mihailović-Stanojević, Djurdjica Jovović, Jelica Grujić-Milanović and Vladimir Jakovljević (*IMR, Belgrade*): Effects of Long Term Losartan and L-arginine treatment on haemodynamics and oxidative status in spontaneously hypertensive rats

Vladimir Jurišić (*Kragujevac, Serbia*): The effects of GMCSF on growth and maintenance of haematological tumor cells

Darko Stevanović, Dejan Nešić, Verica Milošević, Dragan Micić, Vesna Starčević (*Belgrade, Serbia*): Ghrelin and energy balance

CALL FOR ABSTRACTS

The Program Committee welcomes the submission of original contributions for oral and poster presentations at the Conference.

ON-LINE ABSTRACT SUBMISSION

On-line submission of Abstracts is encouraged by the Program Committee. Scientific contributions should be according to the Topics of the Conference. Abstracts must be written in English. Please note that abstracts written in English language that is of poor quality will be rejected. PLEASE, SPECIFY THE PREFERENCE OF YOUR PRESENTATION (oral or poster). Accepted abstracts will be scheduled for the type of presentations by the Program Committee.

IMPORTANT NOTICE – THE DEADLINE FOR ABSTRACT SUBMISSION IS MARCH 15TH, 2007. Late abstracts will NOT be accepted. **ABSTRACTS MUST BE SENT ONLY TO THE E-MAIL ADDRESS OF THE PROGRAM COMMITTEE SECRETARIAT drvladakg@yahoo.com.** Transmission of the abstracts via fax, sending floppy discs and CD-s by standard mail is not acceptable. **THE NUMBER OF ABSTRACTS SUBMITTED IS NOT LIMITED.** Only abstracts accompanied by the payment of the registration fee will be considered for inclusion in the Final Program and for publication in the Abstract Book.

INSTRUCTIONS FOR AUTHORS

- 1) Abstracts should contain a short TITLE; a list of AUTHOR(S); the INSTITUTION(S) (*Italic*) where the investigation was performed and the TEXT.
- 2) The title should be written in capital and bold letters. Underline the presenting author.
- 3) Abstracts should state the study's objective, briefly describe the MATERIALS AND METHOD used, summarize the RESULTS obtained and state the CONCLUSIONS.
- 4) The recommended font is **Times New Roman** and font size **12**. Kindly set the language to English.
- 5) Type the entire abstract single-spaced without margins at the top of sides.
- 6) Abstracts should contain no more than 250 words. Abstracts received after the deadline and abstracts not completed according to the instructions will not be accepted.

EXAMPLE:

THE EFFECTS OF NITRIC OXIDE SYNTHASE- OR LIPOXYGENASE INHIBITION ON CORONARY FLOW AND NITRITE OUTFLOW IN ISOLATED RAT HEART

Jakovljevic V¹ and Djuric D²

¹*Department of Physiology, Faculty of Medicine, University of Kragujevac;* ²*Institute of Medical Physiology, University School of Medicine, Belgrade*

The aim of this study was to assess the changes of coronary flow and nitrite outflow under inhibition of nitric oxide synthase by L-NAME or lipoxygenase induced by nordihydroguaiaretic (NDGA, LOX-inhibition) acid in isolated rat heart. The hearts of male Wistar albino rats (n=18, age 8 weeks, body mass 180-200 g) were retrograde perfused according to the Langendorff technique at gradually increased constant perfusion pressure conditions (CPP, 40-120 cm H₂O) which induced flow-dependent NO release (nitrite outflow). The experiments were performed during control conditions, in the presence of nitric oxide synthesis inhibitor L-NAME (30 μM) or nonspecific lipoxygenase inhibitor (NDGA, 0.1 mM) which were administered separately or in combination. Coronary flow (CF) varied in autoregulatory range from 4.12 ± 0.26 ml/min/g wt at 50 cm H₂O to 5.22 ± 0.26 ml/min/g wt at 90 cm H₂O. In autoregulatory range nitrite outflow varied from 2.05 ± 0.17 nmol/min/g wt at 50 cm H₂O to 2.52 ± 0.21 nmol/min/g wt at 90 cm H₂O and was strictly parallel with CPP-CF (coronary perfusion pressure/coronary flow curve). The autoregulatory range of CF was significantly extended (40 – 100 cm H₂O, 2.22 ± 0.12 ml/min/g wt and 2.90 ± 0.25 ml/min/g wt, respectively) under the influence of L-NAME. Hemodynamic effects were accompanied....

NOTIFICATION OF ACCEPTANCE

Authors will be informed of their abstract acceptance (or rejection) and the date of presentation not later than **April 5th**. For this notification, the correct mailing address including phone, fax number and e-mail address is essential. Please carefully include your e-mail address with your abstract submission. The registered author is responsible for informing all authors of the status of the abstract.

PUBLICATION OF ABSTRACTS AND FULL-LENGTH PAPERS

Accepted abstracts will be published in the Abstract Book which will be provided upon registration to all delegates attending the Conference. Certain full-length papers (upon invitation only) will be invited for publication in journals currently found in *Current Contents* or *Index Medicus*.

POSTER INSTRUCTIONS

Poster size should be 120 (height) cm x 80 (width) cm. Poster figures should be designed to be viewed from a distance and the authors should use clear, visible graphics and large text fonts. Material for mounting posters will be provided in the poster area. Authors are requested to be present by their posters during the poster session for which their poster has been scheduled.

AUDIOVISUAL FACILITIES

For the oral presentations, video projections will be available in each conference room. Presentations should be prepared in „Power Point“ (*.ppt file). For special audiovisual facilities, please make a special request well in advance of the meeting to the Program Secretariat (drvladakg@yahoo.com).

REGISTRATION FEE

	Before May 1 st	After May 1 st	On site
MEMBERS OF SERBIAN PHYSIOLOGICAL SOCIETY	50 €	80 €	100 €
OTHER PARTICIPANTS	80 €	100 €	120 €
STUDENTS*	FREE		

*Certificate required

NOTICE: For attendees from abroad – payment in Euros to account which will be provided upon request by e-mail. For attendees from Serbia, payment should be (in CSD) provided on a bank account of "Društvo fiziologa Republike Srbije" N° 205-40932-94, Komercijalna banka a.d, Belgrade.

Full registration fee includes admission to all scientific sessions, the opening ceremony, the welcome reception, the Abstract book and a special issue of an indexed journal. The Gala dinner is not included in the registration fee and would be provided at an additional cost.

Application/accommodation/contact

The application form should be legibly completed and sent no later than May 1st to the e-mail address of the Program/Organizing Committee (drvladakg@yahoo.com). Hotel accommodation and arrival/departure service will be reserved in different price categories in Novi Sad at special rates. For making hotel reservation at special rates, please contact tanja_alex@yahoo.com. Confirmation will be sent upon receipt of payment. In order to receive an e-mail confirmation, please indicate your e-mail address.

Social program

The social program will include convivial (welcome reception, cocktail) and cultural (city tours, monasteries tour, visit to museums, etc) events. Exciting social events will be offered (joint dinner with multinational music, Danube tour, visit of Museums, etc.). For more details, please contact tanja_alex@yahoo.com

Cancellation and refunds

Notification of cancellation should be sent in writing to the Program/Organizing Committee. If cancellation is received before May 5th 2006, 70 % of the total amount will be refunded to the participant. We regret that no refunds can be provided for cancellations received on or after that date. Please note that for administrative reasons, refunds will be provided after the Conference.

SUMMARY OF THE IMPORTANT INFORMATION

The first announcement: November 2006

The second announcement: January 2007

Abstract submission deadline: March 15th, 2007

Symposium date: May 24-27, 2007

Satellite Meeting Venue: Hotel „Park“, Novi Sad, Serbia

FOR OTHER INQUIRES PLEASE CONTACT:

Dr. Vladimir Lj. Jakovljevic, MD, PhD

Department of Medical Physiology

Faculty of Medicine, University of Kragujevac

Svetozara Markovica 69, P.O.B. 124

34000 Kragujevac, Serbia

Phone: +381 34 342 944, Fax: + 381 34 306 800/ext 112

E-mail: drvladakg@yahoo.com

APPLICATION FORM

**„NUTRITION, TREATMENT AND
CARDIOVASCULAR RISK MANAGEMENT“**

May 24-27, 2007, Hotel „Park“
Novi Sad, Serbia

FIRST NAME AND SURNAME _____

PROFESSION/TITLE _____

INSTITUTION _____

ADDRESS _____

COUNTRY _____ Phone _____ Fax _____

E-mail _____

TITLE OF PRESENTATION

SCIENTIFIC TOPIC _____

PRESENTATION PREFERENCE ORAL POSTER EITHER

Date: _____

Signature: _____

*Please, fill this form and send it to the Program/Organizing Committee e-mail address drvladakg@yahoo.com till May 1st, 2007.

www.physiology.org.yu/eng/htm/konf2007/announcement.pdf